NITFS
Compliance Registration

Product: **Unclassified National Information Library (UNIL) Version 3.7.06.01A** **Date:** **17 November 2005**

Expiration: **16 November 2007**

Sponsor: **National Geospatial-Intelligence Agency**

Registration #: **346**

Developer: **BAE Mission Systems**

- ☑ Initial Registration
- ☐ Supplemental/Update #____
- ☐ Derived from Reg. #____

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate	✓	✓	✓	✓	✓	✓	

Configurations Tested:
- SGI IRIX 6.5.20f

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
- ○ ○ V2.1
- ○ ● V2.0
- ○ V1.1

NSIF
- ○ ○ V1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ○ ○ CGM, 2301A
- ○ ○ Labels **

Text Segments
- ○ ● STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ○ ● MONO
- ○ ◉ RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ○ ○ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ○ ● Not Compressed
- ○ ● JPEG Lossy, 8-bit
- ○ ● JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ○ JPEG 2000
- ○ ○ Bi-Level
- ○ ○ Vector Quantization
- ○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ○ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ◉ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ○ ◉ - CSDE
- ○ ◉ - PIAE

Legend
Interpret ●
Generate ● Fully implemented
◉ Partially implemented
○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
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Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program